

(b) (6)

ORDER FOR SUPPLIES AND SERVICES		NOTE: MARK ALL PACKAGES WITH ORDER NUMBER/CONTRACT NUMBER	PAGE 1	OF 3
1. DATE OF ORDER JUL 25, 2007	2. ORDER NUMBER GS-P-09-07-KS-0034	3. CONTRACT NUMBER DE-AM36-97EE73568	4. ACT NUMBER PJ7J01440	

IMPORTANT:

- * This form is not to be used as an invoice. See reverse for invoice requirements and payment information.
- * The invoice remit to address must be the same as Block 12. Notify the contracting/ordering officer if the information in Block 12 is incorrect.
- * Failure to show the ACT number (Block 4) on invoice will delay payment and render the invoice improper.
- * Failure to mail invoice to address in Block 24 will delay payment.
- * Failure of service contractors to provide information in Block 9A will result in 20% of payment being withheld (26 U.S.C. 3406(a)).

7. TO: CONTRACTOR (Name, address and zip code) JOHNSON CONTROLS GOVERNMENT SYSTEMS LLC 507 E. MICHIGAN ST. MILWAUKEE WI 532025202		8. TYPE OF ORDER <input type="checkbox"/> A. PURCHASE <input checked="" type="checkbox"/> B. DELIVERY <small>This delivery order is subject to instructions contained on this side only of this form and is issued subject to the terms and conditions of the above numbered contract.</small>	REFERENCE YOUR <input type="checkbox"/>		
9A. EMPLOYER'S IDENTIFICATION NUMBER 391943619		9B. CHECK, IF APPROP <input type="checkbox"/> WITHHOLD 20%	Except as provided herein, all terms and conditions of the original order, as heretofore modified, remain unchanged.		
10A. CLASSIFICATION <input type="checkbox"/> A. SMALL BUSINESS <input checked="" type="checkbox"/> B. OTHER THAN SMALL BUSINESS		C. SMALL DISADVANTAGED <input type="checkbox"/> D. SMALL WOMEN-OWNED <input type="checkbox"/>	10B. TYPE OF BUSINESS ORGANIZATION <input checked="" type="checkbox"/> A. CORPORATION <input type="checkbox"/> B. PARTNER-SHIP <input type="checkbox"/> C. SOLE		
11. ISSUING OFFICE(Address, zip code.) KS000 GSA, PBS, REAL PROPERTY PROGRAMS DIV CONTRACTS SECTION, 9PMFC 450 GOLDEN GATE AVE, 4TH FLOOR		12. REMITTANCE ADDRESS(MANDATORY) 00017697 JOHNSON CONTROLS GOVERNMENT SYSTEMS LLC C/O BNY ASSET SOLUTIONS 600 E. LAS COLINAS BLVD. SUITE 1300	13. SHIP TO (Consignee address, zip code.) 501 WEST OCEAN BOULEVARD LONG BEACH CA 90802-4213		
14. PLACE OF INSPECTION AND ACCEPTANCE		15. REQUISITION OFFICE (Name, symbol and telephone no.) 9PMFT (Technical-RPPD)			
16. F.O.B. POINT Destination		17. GOVERNMENT B/L NO.	18. DELIVERY F.O.B. POINT ON OR BEFORE FEB 01 2009	19. PAYMENT/DISCOUNT TERMS	
20. SCHEDULE					
ITEM NO. (A)	SUPPLIES OR SERVICES (B)	QUANTITY ORDERED (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
See Continuation Page for Line Item Details					

21. RECEIVING OFFICE (Name, symbol and telephone no.)		TOTAL FROM 300-A(s) ► \$0.00
22. SHIPPING POINT		GRAND TOTAL ► \$0.00
24. MAIL INVOICE TO: (Include zip code) 7BCP General Services Administration (FUND) GREATER SOUTHWEST FINANCE CENTER PO BOX 17181 FT WORTH TX 76102-0181		25A. FOR INQUIRIES REGARDING PAYMENT CONTACT: Patrick G. Jones
		25B. TELEPHONE NO. 415-522-3345
		26A. NAME OF CONTRACTING/ORDERING OFFICER (Type) <i>PATRICK G. JONES</i>
		26B. TELEPHONE NO. <i>415 522-3345</i>

(b) (6)

SCHEDULE Continued

ITEM NO.	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE \$	AMOUNT \$
0001	Energy Savings Performance Contract (ESPC) for the Glenn M. Anderson Federal Building, Long Beach, CA and the Ronald Reagan Federal Building and US Courthouse, Santa Ana, CA. Herby incorporated in this agreement shall be the DORFP dated 8/14/07 and the final proposal dated 7/24/2007, which includes the construction schedule, performance period and payment schedule. Initial award shall be for \$0.00. Payments to the ESCO in succeeding years shall be per the schedule included in the 7/24/2007 final proposal.	1.00	EA	0.00	0.00
	Accounting and Appropriation Data: PJ7J01440, .192X.09.BA61,P092L210,515 PGA38, . \$0.00				
	BLAIR MILLS OPS MGR (b) (6)				
		7/25/07	Date		
	Signature JCI				
	JCGS, LLC				

PRICE PROPOSAL

Replace entire section with the following sheets.

PRICE PROPOSAL

SUMMARY

Johnson Controls is pleased to provide the following Price Proposal for the Energy Saving Performance Contract (ESPC) project at two GSA facilities in Southern California: Glen M. Anderson Federal Building in Long Beach and the Ronald Reagan Federal Courthouse in Santa Ana under the Department of Energy (DOE) Western Region Super ESPC contract. The attached Schedules DO-1 through DO-5 and the supporting Energy Conservation Measure (ECM) Cost Breakdown sheets provide the required details for this Final Proposal. An Investor Deal Summary (IDS) is included at the end of this section. The Investor Deal Summary is provided at the end of this section following the Cost Breakdown sheets.

The financing agreement has been structured with the following assumptions (all savings are shown prior to escalation):

- Total Investment: \$3,827,467, excluding financing procurement costs and construction period interest
- Total Investment: \$4,114,165, includes financing procurement costs and construction period interest
- Financing Procurement Costs and Construction Period Interest: \$286,698
- Total Investment Financed: \$4,587,879
- Interest Rate: 6.15%
- Estimated Annual Energy and Water Cost Savings: \$270,350
- Estimated Energy Related Operation and Maintenance (O&M) Savings: \$8,525
- Estimated Total Annual Cost Savings: \$278,875
- Estimated Year 1 Cost Savings: \$336,676
- Guaranteed Year 1 Cost Savings: \$319,615
- Construction Period Savings Payable at Acceptance: \$186,792
- Utility Incentives Payable at Acceptance: \$286,922 (paid from utility to Johnson Controls)
- Award Date: July 25, 2007
- Mobilization/Start of Construction: August 1, 2007
- Final Acceptance and Proof of Performance Period Started: December 1, 2008
- Acceptance and Proof of Performance Completed: February 1, 2009
- Invoice to Government for First Contractor Payment: February 1, 2009
- Contractor Payments: Annual in Advance starting March 1, 2009
- Delivery Order Contract Term: 18 years and 7 months (including 19 months for installation and a Performance Period of 17 years)

Johnson Controls will issue the Investor Deal Summary as part of the competitive lender selection process on June 14, 2007. The lender selection memorandum will be provided as part of the final Price Proposal.

ESCALATION

Johnson is stipulating individual escalation factors for electricity, natural gas, water and sewer and operational savings. For electricity an escalation factor of 3.31% is applied throughout the contract period. This rate was determined using energy data presented in the Government's publication, reference number NISTIR Publication 85-3273-21 (rev. 4/06), entitled Energy Price Indices and Discount Factors for Life Cycle Analysis - April 2006. The determination of the escalation rate for electricity is made in part on the basis of the estimated general inflation rate which is applied to the water and sewer and operational savings for this project. The estimated general inflation rate was found to be 4.11% and is based on data obtained from the Bureau of Labor Statistics data for the period 1979 through 2006 for Los Angeles, Riverside and Orange Counties for "All items less Energy", series ID CWURA421SA0. The 4.11% general inflation rate is the anticipated trend for general inflation over the delivery order contract term.

For natural gas, Johnson Controls is applying an escalation rate that varies with each future contract year. The data was obtained from the Energy Information Administration's Annual Energy Outlook 2006 Report, Supplemental Figure 82: Lower 48 Natural Gas Wellhead Prices in Three LNG Supply Cases, 1990-2030 for the High LNG Case, US Average. This case was chosen as the current prices of natural gas are generally considered to be at their peak prices, consistent with two recent "critical" events, the El Paso HP line closure in 2001 and Hurricane Katrina in 2005, which drove natural gas prices well above historical norms. Recent data shows these prices to be dropping and the Annual Energy Outlook 2006 shows this trend to continue for several years. The high LNG case was chosen as a result of research into the California natural gas market dynamics and impact of constructing LNG facilities for the California market. The discussion paper and its associated reference materials are included as an Appendix to this Price Proposal. The natural gas escalation schedule is reflected in the escalation rate for natural gas in the Savings Escalation and Total Guarantee by Saving Type Schedule.

TITLE

Title to the Johnson Controls-installed equipment and improvements furnished under this delivery order shall pass to the Government upon acceptance of the installation as complete. Johnson Controls will remain responsible for all performance requirements specified in the delivery order including repairs and operations and maintenance of the installed equipment, as described within this proposal. The financier of the installed energy conservation measures may retain a security interest in the equipment and improvements, subject to and subordinate to the rights of the Government. In no event shall such security interest allow unlimited access to the federal facility for the purpose of disabling or removing any equipment or systems without written permission from the Agency Contracting Officer. Johnson Controls may be required to assign to the financing source its rights and responsibilities under this delivery order including rights to payments by the Government in the event of default by Johnson Controls.

SCHEDULE DO-I
GUARANTEED ANNUAL COST SAVINGS
AND ANNUAL CONTRACTOR PAYMENTS

If selected, the Contractor shall complete the installation of all proposed ECMs not later than 19 months after delivery award.

Delivery Order No.:	Contractor Name:	Project Site:
1	Johnson Controls Government Systems	GSA Long Beach and Santa Ana

Performance Period Year	(a) DES Proposed Annual Cost Savings \$	(b) Guaranteed Annual Cost Savings \$	(c) Annual Contractor Payments \$
ZERO	\$ (b) (4)	\$ 473,714	\$ 473,714
ONE	\$	\$ 319,615	\$ 793,328
TWO	\$	\$ 336,345	\$ 336,344
THREE	\$	\$ 352,873	\$ 352,872
FOUR	\$	\$ 368,023	\$ 368,022
FIVE	\$	\$ 382,912	\$ 382,911
SIX	\$	\$ 398,200	\$ 398,199
SEVEN	\$	\$ 415,638	\$ 415,637
EIGHT	\$	\$ 431,743	\$ 431,742
NINE	\$	\$ 447,283	\$ 447,282
TEN	\$	\$ 462,380	\$ 462,379
ELEVEN	\$	\$ 477,940	\$ 477,939
TWELVE	\$	\$ 495,394	\$ 495,393
THIRTEEN	\$	\$ 511,760	\$ 511,759
FOURTEEN	\$	\$ 531,183	\$ 531,182
FIFTEEN	\$	\$ 550,737	\$ 550,736
SIXTEEN	\$	\$ 569,513	\$ 569,512
SEVENTEEN	\$	\$ 588,392	\$ 427,680
EIGHTEEN	\$ -	\$ -	\$ -
NINETEEN	\$ -	\$ -	\$ -
TWENTY	\$ -	\$ -	\$ -
TWENTY-ONE	\$ -	\$ -	\$ -
TWENTY-TWO			
TOTALS	\$ 8,531,438	\$ 8,113,645	\$ 8,426,632

Notes:

- (1) The first year (Year One) DES Proposed Annual Cost Savings reflect technical proposal and engineering estimates as presented in DO-4.
- (2) The "Proposed Guaranteed Annual Cost Savings" are based on the site-specific M&V Plan.
- (3) The total of Annual Contractor Payments represents the Delivery Order price and should be supported by information submitted in and provided with Schedules DO-2 and DO-3.
- (4) If applicable, Pre-Performance Period payments will be submitted for Year Zero.
- (5) The Proposed Guaranteed Annual Cost Savings must exceed the Annual Contractor Payments (except Year Zero) for each year of the delivery Performance Period.
- (6) Provide escalation rates applied to Initial Estimated Annual Cost Savings in column (a) as follows:
 - a) Energy Rates: Electricity = 3.31%, Natural Gas = various, see Savings Escalation Schedule, Water = 4.11% (specify % escalation for each energy type (electricity, natural gas, etc.) if different).
 - b) Energy-related O&M Savings = 4.11%.
- (7) Year 1 savings are escalated per the Savings Escalation Schedule to account for anticipated inflation and utility rate increases during construction.
- (8) Pre-Performance Period payments, including Construction Period savings, are payable by the GSA at the time of the first Performance Period payment.

Category	ECM No.	Equipment Description - Title	ECM Size	Expense	Mark-up	Total Implementation	d=(a+b)*(1+c)	Implementation	Price
1.2.17	17.1	Project Development Expenses	775,000 SP	\$ 208,768	(b) (4)	\$ 280,522			
1.2.2	2.2	Filter Plant Optimization - Santa Ana	2.40-HP Motors w/ VSD	\$ 159,668	(b) (4)	\$ 236,799			
1.2.3	3.1	Latching Impellers and Latching Controls - Long Beach	456 Impellers, 419 O-Rings, Sensors	\$ 358,973	\$ 426,391	\$ 344,907	\$ 409,934		
1.2.4	3.2	Latching Impellers and Latching Controls - Santa Ana	3029 Impellers, 290 O-Rings, Sensors	\$ 358,973	\$ 426,391	\$ 344,907	\$ 409,934		
1.2.5	3.3	335 kW Combined Heat and Power Generation - Long Beach	335 kW CHP	\$ 1,733,424	\$ 2,233,338	\$ 1,733,424	\$ 2,233,338		
1.2.6	3.4	Waste Conservation Upgrade - Long Beach	172 Waste Conservation devices	\$ 46,812	\$ 61,163				
1.2.7	4.2.17	Project Direct Costs (less Proposal Development Expenses)	Admission to meet Minimum Project Margin of 24% per NOTA	\$ 195,087	(b) (4)	\$ 230,029	\$ 195,300		
			Acquisition Salvage Price Reduction for ECM 10.1			\$ 8,644			
			ECM Implementation Price	\$ 32,819	\$ 3,048,239	23.0%	\$ 3,827,467		
			Final Alternative shall include sufficient supporting information shall be presented to justify portions of ECM or project expenses included in proposed bonded amount						
			Awarded support shall propose bonded amount representing the basis of establishing minimum bonds per Section 11.17 of the contract						
			Final Alternative shall include adequate supporting information detailing total implementation expenses (direct costs), in accordance with Section 11.2 of the contract						
			Final Alternative shall include direct costs for DCEs and proposal development costs as a separate line item, as applicable.						
			Final implementation Expenses shall include only direct costs, and no Performance Period expenses.						
			Vendors						
			Bonded Amount (\$)						

Project Site	Delivery Order No:	Contractor Name:	Johnson Controls Glycogenine Systems and Santa Ana	
IMPLEMENTATION PRICE BY ECM				

SCHEDULE DO-2

CSA Long Beach and Santa Ana
Final Proposal

JOHNSON CONTROLS

SCHEDULE DO-3
PERFORMANCE PERIOD CASH FLOW

Project Site:		Delivery Order No:		Contractor Name:							
GSA Long Beach and Santa Ana		I		Johnson Controls Government Systems							
Project Capitalization											
Total Implementation Price (DO-2 Total)	\$3,827,467	Applicable Financial Index	US Treasury Average Life	Issue Date:	7/20/2007						
Financing Procurement Price (\$)	\$286,698	Treasury Term (Years)	Average Life	Source:	Average Life						
Less Pre-Performance Period Payments	\$473,714	Index Rate	5.03%	Effective Through:	7/27/2007						
TOTAL AMOUNT FINANCED	\$3,640,451	Added Premium	1.12%								
Term	17	Project Interest Rate	6.15%								
Annual Cash Flow (Performance Period)		1	2	3	4	5	6	7	8	9	10
Debt Service											
Interest (\$)	(b) (4)										
Principal Repayment (\$)	(b) (4)										
TOTAL DEBT SERVICE (a)	\$473,714	\$705,830	\$269,409	\$283,927	\$297,009	\$309,769	\$322,863	\$338,039	\$351,819	\$364,958	\$377,587
Performance Period Expenses											
Management / Administration	(b) (4)										
Operations											
Maintenance											
Repair and Replacement											
Measurement and Verification											
SUBTOTAL Performance Period Expenses	(b) (4)										
Performance Period Mark-Up (%)											
Performance Period Mark-Up (\$)											
Contractor Price Concession											
TOTAL PERFORMANCE PERIOD EXPENSES (b)		\$87,498	\$66,935	\$68,945	\$71,013	\$73,142	\$75,336	\$77,598	\$79,923	\$82,324	\$84,792
Total Amount Contractor Payments (a) + (b)	\$473,714	\$793,328	\$336,344	\$352,872	\$368,022	\$382,911	\$398,199	\$415,637	\$431,742	\$447,282	\$462,379
Notes:											
(1) Performance Period Expenses shall include only direct costs, and no Implementation Period expenses.											
(2) Contractor shall attach adequate supporting information detailing total Performance Period expenses (direct costs), in accordance with Section H.24.2 of the contract.											
(3) If applicable, contractor shall specify escalation rate applied to Performance Period expenses 3%.											
(4) If applicable, Pre-Performance Period payments will be applied in Year Zero to reduce principal repayment.											
(5) Pre-Performance Period payments for Construction Period savings, are payable by the GSA at the time of the first Performance Period payment. Utility related incentives are to be assigned by the GSA for payment.											
(6) Financing Procurement Price includes Construction Period interest, performance and payment bonds, Johnson Controls labor required to execute financing documents and applicable fender fees.											

Use or disclosure of data contained on this sheet is subject to the restriction on the title sheet of this proposal.

7/24/07

Price Proposal

Annual Cash Flow (Performance Period)	11	12	13	14	15	16	17	18	19	20
(b) (4)										
Annual Performance Period Expenses	\$390,601	\$405,438	\$419,105	\$433,747	\$452,438	\$472,287	\$296,637			
Periodic Expenses										
Administrative / Administration										
Expenses										
Administrative										
Altruism										
Reserve and Rehabilitation										
Measuring and Verification										
Subtotal Performance Period Expenses	\$102,779									
Performance Period Margin %	32%									
Performance Period Margin (\$)	\$32,889									
Administrative Expenses	\$4,625									
Total Adminstrator Purchases (a) + (b)	\$477,939	\$493,393	\$511,759	\$531,182	\$550,736	\$569,512	\$427,680			
TOTAL PERFORMANCE PERIOD EXPENSES (b)	\$87,338	\$89,955	\$92,654	\$95,135	\$98,298	\$127,225	\$141,043			
(b) (4)										

Project Site	Delivery Order No:	Contractor Name	Santa Ana	Santa Ana Branch and Banks	USA Long Beach and Santa Ana
		Johson Controls Government Systems			

PERFORMANCE PERIOD CASH FLOW (page 2)
SCHEDULE DO-3

**SCHEDULE DO-3
PERFORMANCE PERIOD CASH FLOW (page 3)**

Project Site:	Delivery Order No:	Contractor Name:
GSA Long Beach and Santa Ana	1	Johnson Controls Government Systems

	21	22	
Annual Cash Flow (Performance Period)			
Debt Service			Totals
Interest (\$)			(b) (4)
Principal Repayment (\$)			
TOTAL DEBT SERVICE (a)			\$6,937,178
Performance Period Expenses			
Management / Administration			(b) (4)
Operations			
Maintenance			
Repair and Replacement			
Measurement and Verification			
SUBTOTAL Performance Period Expenses			(b) (4)
Performance Period Mark-Up (%)			
Performance Period Mark-Up (\$)			(b) (4)
TOTAL PERFORMANCE PERIOD EXPENSES (b)			\$1,489,454
Total Amount Contractor Payments (a) + (b)			\$8,426,632

SCHEDULE DO-4

DELIVERY ORDER PROPOSED FIRST YEAR ANNUAL COST SAVINGS

Project Site:		Delivery Order No:			Contractor Name:			Project Square Footage (KSF)												
GSA Long Beach and Santa Ana		1			Johnson Controls Government Systems			775												
Tech No.	ECM No.	(a) ECM Baseline (MBtu/yr)	(b1) Electric Energy Savings (kWh/yr)	(b2) Electric Energy Savings (\$/yr)	(c1) Electric Demand Savings (kW/yr)	(c2) Electric Demand Savings (\$/yr)	(d1) Natural Gas Savings (MBtu/yr)	(d2) Natural Gas Savings (\$/yr)	(e1) Other Savings (MBtu/yr)	(e2) Other Savings (\$/yr)	(f)= 0.003413* b1+d1+e1	(g)= b2+e2+d2+e2	(h) Other Energy-Related and Total Energy Cost Savings (\$/yr)	(i) Water Savings (\$gal/yr)	(j) Water Savings (\$/yr)	(k)= (g)+(h)+(j)	(l) Estimated Annual Cost Savings (\$/yr)	(m)= (l)/(k)	Implementation Price (\$)	Simple Payback (yrs)
C.2.17	17.1	(b) (4)																		
C.2.2	2.2																			
C.2.5	5.1																			
C.2.5	5.2																			
C.2.10	10.1																			
C.2.13	13.1																			
ECM Implementation Price		2,537,488	\$ 251,994	5,770	\$ 98,049	(10,915)	\$ (83,033)	-	\$ -	(2,254)	\$ 267,010	\$ 8,525	1,360	\$ 3,340	\$ 278,875	\$ 3,608,147	12.94			
Project Direct Costs (Less Proposal Development Surveys)																		\$ 230,029		
Adjustment to meet Minimum Project Markup of 24% per NOITA																		\$ 8,641		
Equipment Salvage Price Reduction for ECM 10.1																		\$ (19,350)		
Total		2,537,488	\$ 251,994	5,770	\$ 98,049	(10,915)	\$ (83,033)	-	\$ -	(2,254)	\$ 267,010	\$ 8,525	1,360	\$ 3,340	\$ 278,875	\$ 3,827,467	13.72			

Notes:

- (1) Project Square Footage (in 1000 SF) - Include only building square footage affected by installed ESPC in project.
- (2) For column (a) insert estimated energy baseline by ECM and total project in MBtu based on DES and Final Proposal data.
- (3) For column (c1). Annual electric demand savings (kW/yr) is the sum of the monthly demand savings.
- (4) Energy conversion factors for MBtu: MBtu=10⁶ Btu/U; Electricity = 0.003413 MBtu/kWh; Natural Gas = 0.1 MBtu/therm ; #2 Oil = 0.128 MBtu/gal.
- (5) Specify "Other" energy savings in (e)(1) & (e)(2) as applicable. Include energy type N/A; energy units N/A; and Btu conversion factor N/A Btu N/A (unit).
- (6) The annual savings dollars reflected on Schedule DO-4 do not include escalation.

SCHEDULE DO-5
ANNUAL CANCELLATION CEILING SCHEDULE

Project Site:	Delivery Order No:	Contractor Name:
GSA Long Beach and Santa Ana	1	Johnson Controls Government Systems

	Outstanding Capital Investment	Total Cancellation Ceiling
Installation Acceptance	\$ 4,114,165	\$ 4,361,015
End of Year One	\$ 3,627,784	\$ 3,845,452
End of Year Two	\$ 3,572,298	\$ 3,786,636
End of Year Three	\$ 3,497,944	\$ 3,707,821
End of Year Four	\$ 3,405,047	\$ 3,609,350
End of Year Five	\$ 3,292,776	\$ 3,490,343
End of Year Six	\$ 3,159,551	\$ 3,349,124
End of Year Seven	\$ 3,001,843	\$ 3,181,954
End of Year Eight	\$ 2,819,582	\$ 2,988,757
End of Year Nine	\$ 2,611,891	\$ 2,768,604
End of Year Ten	\$ 2,377,701	\$ 2,520,363
End of Year Eleven	\$ 2,114,928	\$ 2,241,824
End of Year Twelve	\$ 1,819,837	\$ 1,929,027
End of Year Thirteen	\$ 1,491,619	\$ 1,581,116
End of Year Fourteen	\$ 1,125,032	\$ 1,192,534
End of Year Fifteen	\$ 717,597	\$ 760,653
End of Year Sixteen	\$ 295,125	\$ 312,832
End of Year Seventeen	\$ -	\$ -
End of Year Eighteen	\$ -	\$ -
End of Year Nineteen	\$ -	\$ -
End of Year Twenty	\$ -	\$ -
End of Year Twenty-One	\$ -	\$ -
End of Year Twenty-Two	\$ -	\$ -

Notes:

- (1) Outstanding Capital Investment - A fixed subset of Total Cancellation Ceiling. Constitutes the remaining unamortized principal on total Amount Financed for each time period specified above plus any prepayment charges, as negotiated for the Delivery Order.
- (2) Cancellation Ceilings for each time period specified above establish the maximum termination liability for that time period. Actual total termination costs will be negotiated.
- (3) The contractor may attach a monthly Financing Termination Liability Schedule that must correspond to the annual amounts submitted above in each year for Outstanding Capital Investment.
- (4) In the event of delivery order cancellation or termination for convenience, FAR 52.217-2 or 52.249.2 will apply. Changes to a delivery order based on mutual agreement of the parties rather than cancellation or termination may use the information in this schedule.



**GSA Long Beach and Santa Ana
Final Proposal**

Project Name: Project Cost Plus IDC Less Construction Period Savings Applied at Acceptance Less Government Provided Funds Applied at Acceptance Less Utility Company Rebates Applied at Acceptance Total Financed Over Performance Period				GSA Long Beach and Santa Ana \$4,114,164.90 \$186,792.00 \$0.00 \$286,922.00 \$3,640,450.90			Index Rate: 5.03% Spread: 1.12% Project Rate: 6.15% Termination Lta 6.00%				
Payment Number	Payment Date	Interest Payment (\$)	Principle Payment (\$)	Monthly P&I Payment (\$)	Annual Sum of P&I Payments (\$)	Monthly Performance Period Expense Payment (\$)	Annual Sum of Performance Period Expense Payments (\$)	Monthly Contractor Payments (\$)	Annual Sum of Contractor Payments (\$)	Remaining Loan Balance (\$)	Loan Termination Amount (\$)
1	3/1/2009	\$21,085.10	\$684,745.07	\$705,830.17		\$87,497.83		\$87,497.83		\$4,114,164.90	\$4,361,014.79
2	4/1/2009	\$17,575.78	-\$17,575.78	\$0.00		\$0.00		\$0.00		\$3,429,419.82	\$3,635,185.01
3	5/1/2009	\$17,665.85	-\$17,665.85	\$0.00		\$0.00		\$0.00		\$3,446,995.60	\$3,653,815.34
4	6/1/2009	\$17,756.39	-\$17,756.39	\$0.00		\$0.00		\$0.00		\$3,464,661.45	\$3,672,541.14
5	7/1/2009	\$17,847.39	-\$17,847.39	\$0.00		\$0.00		\$0.00		\$3,482,417.84	\$3,691,362.91
6	8/1/2009	\$17,938.86	-\$17,938.86	\$0.00		\$0.00		\$0.00		\$3,500,265.23	\$3,710,281.15
7	9/1/2009	\$18,030.80	-\$18,030.80	\$0.00		\$0.00		\$0.00		\$3,518,204.09	\$3,729,296.34
8	10/1/2009	\$18,123.20	-\$18,123.20	\$0.00		\$0.00		\$0.00		\$3,536,234.89	\$3,748,408.98
9	11/1/2009	\$18,216.09	-\$18,216.09	\$0.00		\$0.00		\$0.00		\$3,554,358.09	\$3,767,619.58
10	12/1/2009	\$18,309.44	-\$18,309.44	\$0.00		\$0.00		\$0.00		\$3,590,883.62	\$3,806,336.64
11	1/1/2010	\$18,403.28	-\$18,403.28	\$0.00		\$0.00		\$0.00		\$3,609,286.90	\$3,825,844.11
12	2/1/2010	\$18,497.60	-\$18,497.60	\$0.00	\$705,830.17	\$0.00	\$87,497.83	\$0.00	\$87,497.83	\$3,627,784.49	\$3,845,451.56
13	3/1/2010	\$18,592.40	\$250,817.01	\$269,409.41		\$66,934.59		\$66,934.59		\$3,376,967.48	\$3,579,585.53
14	4/1/2010	\$17,306.96	-\$17,306.96	\$0.00		\$0.00		\$0.00		\$3,394,274.44	\$3,597,930.90
15	5/1/2010	\$17,395.66	-\$17,395.66	\$0.00		\$0.00		\$0.00		\$3,411,670.10	\$3,616,370.30
16	6/1/2010	\$17,484.81	-\$17,484.81	\$0.00		\$0.00		\$0.00		\$3,429,154.90	\$3,634,904.20
17	7/1/2010	\$17,574.42	-\$17,574.42	\$0.00		\$0.00		\$0.00		\$3,446,729.32	\$3,653,533.08
18	8/1/2010	\$17,664.49	-\$17,664.49	\$0.00		\$0.00		\$0.00		\$3,464,393.81	\$3,672,257.44
19	9/1/2010	\$17,755.02	-\$17,755.02	\$0.00		\$0.00		\$0.00		\$3,482,148.83	\$3,691,077.76
20	10/1/2010	\$17,846.01	-\$17,846.01	\$0.00		\$0.00		\$0.00		\$3,499,994.84	\$3,709,994.53
21	11/1/2010	\$17,937.47	-\$17,937.47	\$0.00		\$0.00		\$0.00		\$3,517,932.32	\$3,729,008.25
22	12/1/2010	\$18,029.40	-\$18,029.40	\$0.00		\$0.00		\$0.00		\$3,535,961.72	\$3,748,119.42
23	1/1/2011	\$18,121.80	-\$18,121.80	\$0.00		\$0.00		\$0.00		\$3,554,083.52	\$3,767,328.53
24	2/1/2011	\$18,214.68	-\$18,214.68	\$0.00	\$269,409.41	\$0.00	\$66,934.59	\$0.00	\$66,934.59	\$3,572,298.20	\$3,786,636.09
25	3/1/2011	\$18,308.03	\$265,619.30	\$283,927.33		\$68,944.67		\$68,944.67		\$3,306,678.90	\$3,505,079.63
26	4/1/2011	\$16,946.73	-\$16,946.73	\$0.00		\$0.00		\$0.00		\$3,323,625.63	\$3,523,043.17
27	5/1/2011	\$17,033.58	-\$17,033.58	\$0.00		\$0.00		\$0.00		\$3,340,659.21	\$3,541,098.76
28	6/1/2011	\$17,120.88	-\$17,120.88	\$0.00		\$0.00		\$0.00		\$3,357,780.09	\$3,559,246.89
29	7/1/2011	\$17,208.62	-\$17,208.62	\$0.00		\$0.00		\$0.00		\$3,374,988.71	\$3,577,488.03
30	8/1/2011	\$17,296.82	-\$17,296.82	\$0.00		\$0.00		\$0.00		\$3,392,285.53	\$3,595,822.66
31	9/1/2011	\$17,385.46	-\$17,385.46	\$0.00		\$0.00		\$0.00		\$3,409,670.99	\$3,614,251.25
32	10/1/2011	\$17,474.56	-\$17,474.56	\$0.00		\$0.00		\$0.00		\$3,427,145.56	\$3,632,774.29
33	11/1/2011	\$17,564.12	-\$17,564.12	\$0.00		\$0.00		\$0.00		\$3,444,709.68	\$3,651,392.26

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Price Proposal

Payment Number	Payment Date	Interest Payment (\$)	Principle Payment (\$)	Monthly P&I Payment (\$)	Annual Sum of P&I Payments (\$)	Monthly Performance Period Expense Payment (\$)	Annual Sum of Performance Period Expense Payments (\$)	Monthly Contractor Payments (\$)	Annual Sum of Contractor Payments (\$)	Remaining Loan Balance (\$)	Loan Termination Amount (\$)
34	12/1/2011	\$17,654.14	-\$17,654.14	\$0.00		\$0.00		\$0.00		\$3,462,363.81	\$3,670,105.64
35	1/1/2012	\$17,744.61	-\$17,744.61	\$0.00		\$0.00		\$0.00		\$3,480,108.43	\$3,688,914.93
36	2/1/2012	\$17,835.56	-\$17,835.56	\$0.00	\$283,927.33	\$0.00	\$68,944.67	\$0.00	\$68,944.67	\$3,497,943.98	\$3,707,820.62
37	3/1/2012	\$17,926.96	-\$279,082.36	\$297,009.32		\$71,012.68		\$71,012.68		\$3,218,861.63	\$3,411,993.32
38	4/1/2012	\$16,496.67	-\$16,496.67	\$0.00		\$0.00		\$0.00		\$3,235,358.29	\$3,429,479.79
39	5/1/2012	\$16,581.21	-\$16,581.21	\$0.00		\$0.00		\$0.00		\$3,251,939.50	\$3,447,055.87
40	6/1/2012	\$16,666.19	-\$16,666.19	\$0.00		\$0.00		\$0.00		\$3,268,605.69	\$3,464,722.04
41	7/1/2012	\$16,751.60	-\$16,751.60	\$0.00		\$0.00		\$0.00		\$3,285,357.30	\$3,482,478.74
42	8/1/2012	\$16,837.46	-\$16,837.46	\$0.00		\$0.00		\$0.00		\$3,302,194.75	\$3,500,326.44
43	9/1/2012	\$16,923.75	-\$16,923.75	\$0.00		\$0.00		\$0.00		\$3,319,118.50	\$3,518,265.61
44	10/1/2012	\$17,010.48	-\$17,010.48	\$0.00		\$0.00		\$0.00		\$3,336,128.98	\$3,536,296.72
45	11/1/2012	\$17,097.66	-\$17,097.66	\$0.00		\$0.00		\$0.00		\$3,353,226.65	\$3,554,420.24
46	12/1/2012	\$17,185.29	-\$17,185.29	\$0.00		\$0.00		\$0.00		\$3,370,411.93	\$3,572,636.65
47	1/1/2013	\$17,273.36	-\$17,273.36	\$0.00		\$0.00		\$0.00		\$3,387,685.29	\$3,590,946.41
48	2/1/2013	\$17,361.89	-\$17,361.89	\$0.00	\$297,009.32	\$0.00	\$71,012.68	\$0.00	\$71,012.68	\$3,405,047.18	\$3,609,350.01
49	3/1/2013	\$17,450.87	-\$292,317.65	\$309,768.52		\$73,142.49		\$73,142.49		\$3,112,729.53	\$3,299,493.30
50	4/1/2013	\$15,952.74	-\$15,952.74	\$0.00		\$0.00		\$0.00		\$3,128,682.27	\$3,316,403.21
51	5/1/2013	\$16,034.50	-\$16,034.50	\$0.00		\$0.00		\$0.00		\$3,144,716.77	\$3,333,399.77
52	6/1/2013	\$16,116.67	-\$16,116.67	\$0.00		\$0.00		\$0.00		\$3,160,833.44	\$3,350,483.45
53	7/1/2013	\$16,199.27	-\$16,199.27	\$0.00		\$0.00		\$0.00		\$3,177,032.71	\$3,367,654.68
54	8/1/2013	\$16,282.29	-\$16,282.29	\$0.00		\$0.00		\$0.00		\$3,193,315.00	\$3,384,913.91
55	9/1/2013	\$16,365.74	-\$16,365.74	\$0.00		\$0.00		\$0.00		\$3,209,680.74	\$3,402,261.59
56	10/1/2013	\$16,449.61	-\$16,449.61	\$0.00		\$0.00		\$0.00		\$3,226,130.36	\$3,419,698.18
57	11/1/2013	\$16,533.92	-\$16,533.92	\$0.00		\$0.00		\$0.00		\$3,242,664.28	\$3,437,224.13
58	12/1/2013	\$16,618.65	-\$16,618.65	\$0.00		\$0.00		\$0.00		\$3,259,282.93	\$3,454,839.91
59	1/1/2014	\$16,703.83	-\$16,703.83	\$0.00		\$0.00		\$0.00		\$3,275,986.76	\$3,472,545.96
60	2/1/2014	\$16,789.43	-\$16,789.43	\$0.00	\$309,768.52	\$0.00	\$73,142.49	\$0.00	\$73,142.49	\$3,292,776.19	\$3,490,342.76
61	3/1/2014	\$16,875.48	-\$305,987.44	\$322,862.92		\$75,336.09		\$75,336.09		\$2,986,788.75	\$3,165,996.08
62	4/1/2014	\$15,307.29	-\$15,307.29	\$0.00		\$0.00		\$0.00		\$3,002,096.04	\$3,182,221.81
63	5/1/2014	\$15,385.74	-\$15,385.74	\$0.00		\$0.00		\$0.00		\$3,017,481.79	\$3,198,530.69
64	6/1/2014	\$15,464.59	-\$15,464.59	\$0.00		\$0.00		\$0.00		\$3,032,946.38	\$3,214,923.16
65	7/1/2014	\$15,543.85	-\$15,543.85	\$0.00		\$0.00		\$0.00		\$3,048,490.23	\$3,231,399.64
66	8/1/2014	\$15,623.51	-\$15,623.51	\$0.00		\$0.00		\$0.00		\$3,064,113.74	\$3,247,960.57
67	9/1/2014	\$15,703.58	-\$15,703.58	\$0.00		\$0.00		\$0.00		\$3,079,817.33	\$3,264,606.36
68	10/1/2014	\$15,784.06	-\$15,784.06	\$0.00		\$0.00		\$0.00		\$3,095,601.39	\$3,281,337.47
69	11/1/2014	\$15,864.96	-\$15,864.96	\$0.00		\$0.00		\$0.00		\$3,111,466.35	\$3,298,154.33
70	12/1/2014	\$15,946.27	-\$15,946.27	\$0.00		\$0.00		\$0.00		\$3,127,412.61	\$3,315,057.37
71	1/1/2015	\$16,027.99	-\$16,027.99	\$0.00		\$0.00		\$0.00		\$3,143,440.60	\$3,332,047.04
72	2/1/2015	\$16,110.13	-\$16,110.13	\$0.00	\$322,862.92	\$0.00	\$75,336.09	\$0.00	\$75,336.09	\$3,159,550.73	\$3,349,123.78
73	3/1/2015	\$16,192.70	-\$321,846.05	\$338,038.75		\$77,598.26		\$77,598.26		\$2,837,704.69	\$3,007,966.97

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Payment Number	Payment Date	Interest Payment (\$)	Principle Payment (\$)	Monthly P&I Payment (\$)	Annual Sum of P&I Payments (\$)	Monthly Performance Period Expense Payment (\$)	Annual Sum of Performance Period Expense Payments (\$)	Monthly Contractor Payments (\$)	Annual Sum of Contractor Payments (\$)	Remaining Loan Balance (\$)	Loan Termination Amount (\$)
74	4/1/2015	\$14,543.24	-\$14,543.24	\$0.00		\$0.00		\$0.00		\$2,852,247.92	\$3,023,382.80
75	5/1/2015	\$14,617.77	-\$14,617.77	\$0.00		\$0.00		\$0.00		\$2,860,865.69	\$3,038,877.63
76	6/1/2015	\$14,692.69	-\$14,692.69	\$0.00		\$0.00		\$0.00		\$2,881,558.38	\$3,054,451.88
77	7/1/2015	\$14,767.99	-\$14,767.99	\$0.00		\$0.00		\$0.00		\$2,896,326.37	\$3,070,105.95
78	8/1/2015	\$14,843.67	-\$14,843.67	\$0.00		\$0.00		\$0.00		\$2,911,170.04	\$3,085,840.24
79	9/1/2015	\$14,919.75	-\$14,919.75	\$0.00		\$0.00		\$0.00		\$2,926,089.79	\$3,101,655.17
80	10/1/2015	\$14,996.21	-\$14,996.21	\$0.00		\$0.00		\$0.00		\$2,941,086.00	\$3,117,551.16
81	11/1/2015	\$15,073.07	-\$15,073.07	\$0.00		\$0.00		\$0.00		\$2,956,159.06	\$3,133,528.61
82	12/1/2015	\$15,150.32	-\$15,150.32	\$0.00		\$0.00		\$0.00		\$2,971,309.38	\$3,149,587.94
83	1/1/2016	\$15,227.96	-\$15,227.96	\$0.00		\$0.00		\$0.00		\$2,986,537.34	\$3,165,729.58
84	2/1/2016	\$15,306.00	-\$15,306.00	\$0.00	\$338,038.75	\$0.00	\$77,598.26	\$0.00	\$77,598.26	\$3,001,843.34	\$3,181,953.94
85	3/1/2016	\$15,384.45	\$336,434.38	\$351,818.83		\$79,923.18		\$79,923.18		\$2,665,408.96	\$2,825,333.50
86	4/1/2016	\$13,660.22	-\$13,660.22	\$0.00		\$0.00		\$0.00		\$2,679,069.18	\$2,839,813.34
87	5/1/2016	\$13,730.23	-\$13,730.23	\$0.00		\$0.00		\$0.00		\$2,692,799.41	\$2,854,367.38
88	6/1/2016	\$13,800.60	-\$13,800.60	\$0.00		\$0.00		\$0.00		\$2,706,600.01	\$2,868,996.01
89	7/1/2016	\$13,871.33	-\$13,871.33	\$0.00		\$0.00		\$0.00		\$2,720,471.34	\$2,883,699.62
90	8/1/2016	\$13,942.42	-\$13,942.42	\$0.00		\$0.00		\$0.00		\$2,734,413.75	\$2,898,478.58
91	9/1/2016	\$14,013.87	-\$14,013.87	\$0.00		\$0.00		\$0.00		\$2,748,427.62	\$2,913,333.28
92	10/1/2016	\$14,085.69	-\$14,085.69	\$0.00		\$0.00		\$0.00		\$2,762,513.31	\$2,928,264.11
93	11/1/2016	\$14,157.88	-\$14,157.88	\$0.00		\$0.00		\$0.00		\$2,776,671.19	\$2,943,271.47
94	12/1/2016	\$14,230.44	-\$14,230.44	\$0.00		\$0.00		\$0.00		\$2,790,901.63	\$2,958,355.73
95	1/1/2017	\$14,303.37	-\$14,303.37	\$0.00		\$0.00		\$0.00		\$2,805,205.01	\$2,973,517.31
96	2/1/2017	\$14,376.68	-\$14,376.68	\$0.00	\$351,818.83	\$0.00	\$79,923.18	\$0.00	\$79,923.18	\$2,819,581.68	\$2,988,756.58
97	3/1/2017	\$14,450.36	\$350,507.20	\$364,957.56		\$82,324.44		\$82,324.44		\$2,469,074.48	\$2,617,218.95
98	4/1/2017	\$12,654.01	-\$12,654.01	\$0.00		\$0.00		\$0.00		\$2,481,728.48	\$2,630,632.19
99	5/1/2017	\$12,718.86	-\$12,718.86	\$0.00		\$0.00		\$0.00		\$2,494,447.34	\$2,644,114.18
100	6/1/2017	\$12,784.04	-\$12,784.04	\$0.00		\$0.00		\$0.00		\$2,507,231.38	\$2,657,665.27
101	7/1/2017	\$12,849.56	-\$12,849.56	\$0.00		\$0.00		\$0.00		\$2,520,080.95	\$2,671,285.80
102	8/1/2017	\$12,915.41	-\$12,915.41	\$0.00		\$0.00		\$0.00		\$2,532,996.36	\$2,684,976.14
103	9/1/2017	\$12,981.61	-\$12,981.61	\$0.00		\$0.00		\$0.00		\$2,545,977.97	\$2,698,736.64
104	10/1/2017	\$13,048.14	-\$13,048.14	\$0.00		\$0.00		\$0.00		\$2,559,026.10	\$2,712,567.67
105	11/1/2017	\$13,115.01	-\$13,115.01	\$0.00		\$0.00		\$0.00		\$2,572,141.11	\$2,726,469.58
106	12/1/2017	\$13,182.22	-\$13,182.22	\$0.00		\$0.00		\$0.00		\$2,585,323.34	\$2,740,442.74
107	1/1/2018	\$13,249.78	-\$13,249.78	\$0.00		\$0.00		\$0.00		\$2,598,573.12	\$2,754,487.50
108	2/1/2018	\$13,317.69	-\$13,317.69	\$0.00	\$364,957.56	\$0.00	\$82,324.44	\$0.00	\$82,324.44	\$2,611,890.80	\$2,768,604.25
109	3/1/2018	\$13,385.94	\$364,200.74	\$377,586.68		\$84,792.32		\$84,792.32		\$2,247,690.07	\$2,382,551.47
110	4/1/2018	\$11,519.41	-\$11,519.41	\$0.00		\$0.00		\$0.00		\$2,259,209.48	\$2,394,762.05
111	5/1/2018	\$11,578.45	-\$11,578.45	\$0.00		\$0.00		\$0.00		\$2,270,787.93	\$2,407,035.20
112	6/1/2018	\$11,637.79	-\$11,637.79	\$0.00		\$0.00		\$0.00		\$2,282,425.71	\$2,419,371.26
113	7/1/2018	\$11,697.43	-\$11,697.43	\$0.00		\$0.00		\$0.00		\$2,294,123.15	\$2,431,770.53
114	8/1/2018	\$11,757.38	-\$11,757.38	\$0.00		\$0.00		\$0.00		\$2,305,880.53	\$2,444,233.36

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115	9/1/2018	\$11,817.64	-\$11,817.64	\$0.00		\$0.00		\$0.00		\$2,317,698.16	\$2,456,760.05		
116	10/1/2018	\$11,878.20	-\$11,878.20	\$0.00		\$0.00		\$0.00		\$2,329,576.37	\$2,469,350.95		
117	11/1/2018	\$11,939.08	-\$11,939.08	\$0.00		\$0.00		\$0.00		\$2,341,515.45	\$2,482,006.37		
118	12/1/2018	\$12,000.27	-\$12,000.27	\$0.00		\$0.00		\$0.00		\$2,353,515.71	\$2,494,726.66		
119	1/1/2019	\$12,061.77	-\$12,061.77	\$0.00		\$0.00		\$0.00		\$2,365,577.48	\$2,507,512.13		
120	2/1/2019	\$12,123.58	-\$12,123.58	\$0.00	\$377,586.68	\$0.00	\$84,792.32	\$0.00	\$84,792.32	\$2,377,701.07	\$2,520,363.13		
121	3/1/2019	\$12,185.72	-\$12,185.72	\$390,001.50		\$87,337.50		\$87,337.50		\$1,999,285.28	\$2,119,242.40		
122	4/1/2019	\$10,246.34	-\$10,246.34	\$0.00		\$0.00		\$0.00		\$2,009,531.62	\$2,130,103.52		
123	5/1/2019	\$10,298.85	-\$10,298.85	\$0.00		\$0.00		\$0.00		\$2,019,830.47	\$2,141,020.30		
124	6/1/2019	\$10,351.63	-\$10,351.63	\$0.00		\$0.00		\$0.00		\$2,030,182.10	\$2,151,993.03		
125	7/1/2019	\$10,404.68	-\$10,404.68	\$0.00		\$0.00		\$0.00		\$2,040,586.78	\$2,163,021.99		
126	8/1/2019	\$10,458.01	-\$10,458.01	\$0.00		\$0.00		\$0.00		\$2,051,044.79	\$2,174,107.48		
127	9/1/2019	\$10,511.60	-\$10,511.60	\$0.00		\$0.00		\$0.00		\$2,061,556.40	\$2,185,249.78		
128	10/1/2019	\$10,565.48	-\$10,565.48	\$0.00		\$0.00		\$0.00		\$2,072,121.87	\$2,196,449.19		
129	11/1/2019	\$10,619.62	-\$10,619.62	\$0.00		\$0.00		\$0.00		\$2,082,741.50	\$2,207,705.99		
130	12/1/2019	\$10,674.05	-\$10,674.05	\$0.00		\$0.00		\$0.00		\$2,093,415.55	\$2,219,020.48		
131	1/1/2020	\$10,728.75	-\$10,728.75	\$0.00		\$0.00		\$0.00		\$2,104,144.30	\$2,230,392.96		
132	2/1/2020	\$10,783.74	-\$10,783.74	\$0.00	\$390,601.50	\$0.00	\$87,337.50	\$0.00	\$87,337.50	\$2,114,928.04	\$2,241,823.72		
133	3/1/2020	\$10,839.01	-\$10,839.01	\$394,598.88	\$405,437.89		\$89,955.12		\$89,955.12		\$1,720,329.16	\$1,823,548.91	
134	4/1/2020	\$8,816.69	-\$8,816.69	\$0.00		\$0.00		\$0.00			\$1,729,145.85	\$1,832,894.60	
135	5/1/2020	\$8,861.87	-\$8,861.87	\$0.00		\$0.00		\$0.00			\$1,738,007.72	\$1,842,288.19	
136	6/1/2020	\$8,907.29	-\$8,907.29	\$0.00		\$0.00		\$0.00			\$1,746,915.01	\$1,851,729.91	
137	7/1/2020	\$8,952.94	-\$8,952.94	\$0.00		\$0.00		\$0.00			\$1,755,867.95	\$1,861,220.03	
138	8/1/2020	\$8,998.82	-\$8,998.82	\$0.00		\$0.00		\$0.00			\$1,764,866.77	\$1,870,758.78	
139	9/1/2020	\$9,044.94	-\$9,044.94	\$0.00		\$0.00		\$0.00			\$1,773,911.72	\$1,880,346.42	
140	10/1/2020	\$9,091.30	-\$9,091.30	\$0.00		\$0.00		\$0.00			\$1,783,003.01	\$1,889,983.20	
141	11/1/2020	\$9,137.89	-\$9,137.89	\$0.00		\$0.00		\$0.00			\$1,792,140.91	\$1,899,669.36	
142	12/1/2020	\$9,184.72	-\$9,184.72	\$0.00		\$0.00		\$0.00			\$1,801,325.63	\$1,909,405.16	
143	1/1/2021	\$9,231.79	-\$9,231.79	\$0.00		\$0.00		\$0.00			\$1,810,557.42	\$1,919,190.87	
144	2/1/2021	\$9,279.11	-\$9,279.11	\$0.00	\$405,437.89	\$0.00	\$89,955.12	\$0.00	\$89,955.12		\$1,819,836.53	\$1,929,026.72	
145	3/1/2021	\$9,326.66	-\$9,326.66	\$409,778.49	\$419,105.15		\$92,653.85		\$92,653.85			\$1,410,058.04	\$1,494,661.52
146	4/1/2021	\$7,226.55	-\$7,226.55	\$0.00		\$0.00		\$0.00				\$1,417,284.59	\$1,502,321.66
147	5/1/2021	\$7,263.58	-\$7,263.58	\$0.00		\$0.00		\$0.00				\$1,424,548.17	\$1,510,021.06
148	6/1/2021	\$7,300.81	-\$7,300.81	\$0.00		\$0.00		\$0.00				\$1,431,848.98	\$1,517,759.92
149	7/1/2021	\$7,338.23	-\$7,338.23	\$0.00		\$0.00		\$0.00				\$1,439,187.21	\$1,525,538.44
150	8/1/2021	\$7,375.83	-\$7,375.83	\$0.00		\$0.00		\$0.00				\$1,446,563.04	\$1,533,356.82
151	9/1/2021	\$7,413.64	-\$7,413.64	\$0.00		\$0.00		\$0.00				\$1,453,976.68	\$1,541,215.28
152	10/1/2021	\$7,451.63	-\$7,451.63	\$0.00		\$0.00		\$0.00				\$1,461,428.31	\$1,549,114.01
153	11/1/2021	\$7,489.82	-\$7,489.82	\$0.00		\$0.00		\$0.00				\$1,468,918.13	\$1,557,053.21
154	12/1/2021	\$7,528.21	-\$7,528.21	\$0.00		\$0.00		\$0.00				\$1,476,446.33	\$1,565,033.11
155	1/1/2022	\$7,566.79	-\$7,566.79	\$0.00		\$0.00		\$0.00				\$1,484,013.12	\$1,573,053.91

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7/25/07

Price Proposal



GSA Long Beach and Santa Ana
Final Proposal

Payment Number	Payment Date	Interest Payment (\$)	Principle Payment (\$)	Monthly P&I Payment (\$)	Annual Sum of P&I Payments (\$)	Monthly Performance Period Expense Payment (\$)	Annual Sum of Performance Period Expense Payments (\$)	Monthly Contractor Payments (\$)	Annual Sum of Contractor Payments (\$)	Remaining Loan Balance (\$)	Loan Termination Amount (\$)
156	2/1/2022	\$7,605.57	-\$7,605.57	\$0.00	\$419,105.15	\$0.00	\$92,653.85	\$0.00	\$92,653.85	\$1,491,618.69	\$1,581,115.81
157	3/1/2022	\$7,644.55	\$428,102.75	\$435,747.30		\$95,434.71		\$95,434.71		\$1,063,515.94	\$1,127,326.89
158	4/1/2022	\$5,450.52	-\$5,450.52	\$0.00		\$0.00		\$0.00		\$1,068,966.46	\$1,133,104.44
159	5/1/2022	\$5,478.45	-\$5,478.45	\$0.00		\$0.00		\$0.00		\$1,074,444.91	\$1,138,914.60
160	6/1/2022	\$5,506.53	-\$5,506.53	\$0.00		\$0.00		\$0.00		\$1,079,951.44	\$1,144,748.53
161	7/1/2022	\$5,534.75	-\$5,534.75	\$0.00		\$0.00		\$0.00		\$1,085,486.19	\$1,150,615.36
162	8/1/2022	\$5,563.12	-\$5,563.12	\$0.00		\$0.00		\$0.00		\$1,091,049.31	\$1,156,512.27
163	9/1/2022	\$5,591.63	-\$5,591.63	\$0.00		\$0.00		\$0.00		\$1,096,640.94	\$1,162,439.39
164	10/1/2022	\$5,620.28	-\$5,620.28	\$0.00		\$0.00		\$0.00		\$1,102,261.22	\$1,168,396.89
165	11/1/2022	\$5,649.09	-\$5,649.09	\$0.00		\$0.00		\$0.00		\$1,107,910.31	\$1,174,384.93
166	12/1/2022	\$5,678.04	-\$5,678.04	\$0.00		\$0.00		\$0.00		\$1,113,588.35	\$1,180,403.65
167	1/1/2023	\$5,707.14	-\$5,707.14	\$0.00		\$0.00		\$0.00		\$1,119,295.49	\$1,186,433.22
168	2/1/2023	\$5,736.39	-\$5,736.39	\$0.00	\$435,747.30	\$0.00	\$95,434.71	\$0.00	\$95,434.71	\$1,125,931.88	\$1,192,533.79
169	3/1/2023	\$5,765.79	\$446,672.53	\$452,438.32		\$98,297.68		\$98,297.68		\$678,359.35	\$719,060.91
170	4/1/2023	\$3,476.59	-\$3,476.59	\$0.00		\$0.00		\$0.00		\$681,835.94	\$722,746.10
171	5/1/2023	\$3,494.41	-\$3,494.41	\$0.00		\$0.00		\$0.00		\$685,330.35	\$726,450.17
172	6/1/2023	\$3,512.32	-\$3,512.32	\$0.00		\$0.00		\$0.00		\$688,842.67	\$730,173.23
173	7/1/2023	\$3,530.32	-\$3,530.32	\$0.00		\$0.00		\$0.00		\$692,372.99	\$733,915.36
174	8/1/2023	\$3,548.41	-\$3,548.41	\$0.00		\$0.00		\$0.00		\$695,921.40	\$737,676.68
175	9/1/2023	\$3,566.60	-\$3,566.60	\$0.00		\$0.00		\$0.00		\$699,487.99	\$741,457.27
176	10/1/2023	\$3,584.88	-\$3,584.88	\$0.00		\$0.00		\$0.00		\$703,072.87	\$745,257.24
177	11/1/2023	\$3,603.25	-\$3,603.25	\$0.00		\$0.00		\$0.00		\$706,676.12	\$749,076.69
178	12/1/2023	\$3,621.72	-\$3,621.72	\$0.00		\$0.00		\$0.00		\$710,297.83	\$752,915.70
179	1/1/2024	\$3,640.28	-\$3,640.28	\$0.00		\$0.00		\$0.00		\$713,938.11	\$756,774.40
180	2/1/2024	\$3,658.93	-\$3,658.93	\$0.00	\$452,438.32	\$0.00	\$98,297.68	\$0.00	\$98,297.68	\$717,597.04	\$760,652.87
181	3/1/2024	\$3,677.68	\$438,609.60	\$442,287.28		\$127,224.72		\$127,224.72		\$278,987.45	\$295,726.69
182	4/1/2024	\$1,429.81	-\$1,429.81	\$0.00		\$0.00		\$0.00		\$280,417.26	\$297,242.29
183	5/1/2024	\$1,437.14	-\$1,437.14	\$0.00		\$0.00		\$0.00		\$281,854.40	\$298,765.66
184	6/1/2024	\$1,444.50	-\$1,444.50	\$0.00		\$0.00		\$0.00		\$283,298.90	\$300,296.83
185	7/1/2024	\$1,451.91	-\$1,451.91	\$0.00		\$0.00		\$0.00		\$284,750.81	\$301,835.86
186	8/1/2024	\$1,459.35	-\$1,459.35	\$0.00		\$0.00		\$0.00		\$286,210.16	\$303,382.76
187	9/1/2024	\$1,466.83	-\$1,466.83	\$0.00		\$0.00		\$0.00		\$287,676.98	\$304,937.60
188	10/1/2024	\$1,474.34	-\$1,474.34	\$0.00		\$0.00		\$0.00		\$289,151.33	\$306,500.41
189	11/1/2024	\$1,481.90	-\$1,481.90	\$0.00		\$0.00		\$0.00		\$290,633.23	\$308,071.22
190	12/1/2024	\$1,489.50	-\$1,489.50	\$0.00		\$0.00		\$0.00		\$292,122.72	\$309,650.09
191	1/1/2025	\$1,497.13	-\$1,497.13	\$0.00		\$0.00		\$0.00		\$293,619.85	\$311,237.04
192	2/1/2025	\$1,504.80	-\$1,504.80	\$0.00	\$442,287.28	\$0.00	\$127,224.72	\$0.00	\$127,224.72	\$295,124.65	\$312,832.13
193	3/1/2025	\$1,512.51	\$295,124.65	\$296,637.17		\$131,042.95		\$131,042.95		\$0.00	\$0.00
194	4/1/2025	\$0.00	\$0.00	\$0.00		\$0.00		\$0.00		\$0.00	\$0.00
195	5/1/2025	\$0.00	\$0.00	\$0.00		\$0.00		\$0.00		\$0.00	\$0.00
196	6/1/2025	\$0.00	\$0.00	\$0.00		\$0.00		\$0.00		\$0.00	\$0.00

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7/25/07

Price Proposal

Payment Number	Payment Date	Interest Payment (\$)	Principle Payment (\$)	Monthly P&I Payment (\$)	Annual Sum of P&I Payments (\$)	Monthly Performance Period Expense Payment (\$)	Annual Sum of Performance Period Expense Payments (\$)	Monthly Contractor Payments (\$)	Annual Sum of Contractor Payments (\$)	Remaining Loan Balance (\$)	Loan Termination Amount (\$)
197	7/1/2025	\$0.00	\$0.00	\$0.00		\$0.00		\$0.00		\$0.00	\$0.00
198	8/1/2025	\$0.00	\$0.00	\$0.00		\$0.00		\$0.00		\$0.00	\$0.00
199	9/1/2025	\$0.00	\$0.00	\$0.00		\$0.00		\$0.00		\$0.00	\$0.00
200	10/1/2025	\$0.00	\$0.00	\$0.00		\$0.00		\$0.00		\$0.00	\$0.00
201	11/1/2025	\$0.00	\$0.00	\$0.00		\$0.00		\$0.00		\$0.00	\$0.00
202	12/1/2025	\$0.00	\$0.00	\$0.00		\$0.00		\$0.00		\$0.00	\$0.00
203	1/1/2026	\$0.00	\$0.00	\$0.00		\$0.00		\$0.00		\$0.00	\$0.00
204	2/1/2026	\$0.00	\$0.00	\$0.00	\$296,637.17	\$0.00	\$131,042.95	\$0.00	\$131,042.95	\$0.00	\$0.00
205	3/1/2026	\$0.00	\$0.00			\$134,975.17		\$134,975.17		\$0.00	\$0.00
206	4/1/2026	\$0.00	\$0.00			\$0.00		\$0.00		\$0.00	\$0.00
207	5/1/2026	\$0.00	\$0.00			\$0.00		\$0.00		\$0.00	\$0.00
208	6/1/2026	\$0.00	\$0.00			\$0.00		\$0.00		\$0.00	\$0.00
209	7/1/2026	\$0.00	\$0.00			\$0.00		\$0.00		\$0.00	\$0.00
210	8/1/2026	\$0.00	\$0.00			\$0.00		\$0.00		\$0.00	\$0.00
211	9/1/2026	\$0.00	\$0.00			\$0.00		\$0.00		\$0.00	\$0.00
212	10/1/2026	\$0.00	\$0.00			\$0.00		\$0.00		\$0.00	\$0.00
213	11/1/2026	\$0.00	\$0.00			\$0.00		\$0.00		\$0.00	\$0.00
214	12/1/2026	\$0.00	\$0.00			\$0.00		\$0.00		\$0.00	\$0.00
215	1/1/2027	\$0.00	\$0.00			\$0.00		\$0.00		\$0.00	\$0.00
216	2/1/2027	\$0.00	\$0.00		\$0.00	\$0.00	\$134,975.17	\$0.00	\$134,975.17	\$0.00	\$0.00

Construction Savings Summary

Year	Total (2008 Dollars)	Total (2006 Dollars)	ECM 2.2	ECM 5.1	ECM 5.2	ECM 10.1	ECM 13.1		
2007	\$28,092	\$28,092	\$0	\$17,008	\$10,072	\$0	\$1,012		
2008	\$158,700	\$150,298	\$16,533	\$76,087	\$45,056	\$8,871	\$3,751		
2009	\$0	\$0	\$0	\$0	\$0	\$0	\$0		
Total Utility Incentives		\$286,922							
Construction Period Savings		<u>\$186,792</u>							
Total Payment included with Year 1		<u>\$473,714</u>							

			ECM 2.1: Chiller Plant Optimization - Santa Ana	ECM 5.1: Lighting Improvements and Lighting Controls - Long Beach	ECM 5.2: Lighting Improvements and Lighting Controls - Santa Ana	ECM 10.1: 335 kW Combined Heat and Power System - Long Beach	ECM 13.1: Water Conservation - Long Beach
Days to Construct			100	42	62	205	27
Installation Start Date			12-Nov-07	28-Sep-07	28-Sep-07	1-Apr-08	28-Sep-07
Acceptance Date			20-Feb-08	09-Nov-07	29-Nov-07	23-Oct-08	25-Oct-07
Available Utility Incentives			\$21,785	\$42,641	\$13,126	\$201,000	\$8,370
Annual Guaranteed Savings			\$22,046	\$82,999	\$49,151	\$106,455	\$4,091
Period	Year	Date					
1	2007	01-Jun-07	\$0	\$0	\$0	\$0	\$0
2	2007	01-Jul-07	\$0	\$0	\$0	\$0	\$0
3	2007	01-Aug-07	\$0	\$0	\$0	\$0	\$0
4	2007	01-Sep-07	\$0	\$0	\$0	\$0	\$0
5	2007	01-Oct-07	\$0	\$3,288	\$1,947	\$0	\$330
6	2007	01-Nov-07	\$0	\$6,803	\$4,029	\$0	\$341
7	2007	01-Dec-07	\$0	\$6,917	\$4,096	\$0	\$341
8	2008	01-Jan-08	\$0	\$6,917	\$4,096	\$0	\$341
9	2008	01-Feb-08	\$0	\$6,917	\$4,096	\$0	\$341
10	2008	01-Mar-08	\$1,837	\$6,917	\$4,096	\$0	\$341
11	2008	01-Apr-08	\$1,837	\$6,917	\$4,096	\$0	\$341
12	2008	01-May-08	\$1,837	\$6,917	\$4,096	\$0	\$341
13	2008	01-Jun-08	\$1,837	\$6,917	\$4,096	\$0	\$341
14	2008	01-Jul-08	\$1,837	\$6,917	\$4,096	\$0	\$341
15	2008	01-Aug-08	\$1,837	\$6,917	\$4,096	\$0	\$341
16	2008	01-Sep-08	\$1,837	\$6,917	\$4,096	\$0	\$341
17	2008	01-Oct-08	\$1,837	\$6,917	\$4,096	\$0	\$341
18	2008	01-Nov-08	\$1,837	\$6,917	\$4,096	\$8,871	\$341

Saving Escalation and Total Guarantee by Saving Type

Contract Year	Year	Electricity	Esc. Rate	Natural Gas	Esc. Rate	Ancillary Savings	General Inflation	Total Estimated Savings	Guaranteed Energy Related Savings	Blended Annual Esc.	Actual Natural Gas Price
0	2007	\$361,629.00	3.31%	(\$72,085.00)	-13.19%	\$12,353.00	4.11%	\$301,897.00	\$286,598.00		\$6.56
1	2008	\$373,599.00	3.31%	(\$67,686.00)	-6.10%	\$12,861.00	4.11%	\$318,774.00	\$302,620.00	105.6%	\$6.16
2	2009	\$385,965.00	3.31%	(\$62,679.00)	-7.40%	\$13,390.00	4.11%	\$336,676.00	\$319,615.00	105.6%	\$5.71
3	2010	\$398,740.00	3.31%	(\$58,381.00)	-6.86%	\$13,940.00	4.11%	\$354,299.00	\$336,345.00	105.2%	\$5.32
4	2011	\$411,938.00	3.31%	(\$54,742.00)	-6.23%	\$14,513.00	4.11%	\$371,709.00	\$352,873.00	104.9%	\$4.98
5	2012	\$425,573.00	3.31%	(\$53,014.00)	-3.16%	\$15,109.00	4.11%	\$387,668.00	\$368,023.00	104.3%	\$4.83
6	2013	\$439,659.00	3.31%	(\$52,037.00)	-1.84%	\$15,730.00	4.11%	\$403,352.00	\$382,912.00	104.0%	\$4.74
7	2014	\$454,211.00	3.31%	(\$51,132.00)	-1.74%	\$16,377.00	4.11%	\$419,456.00	\$398,200.00	104.0%	\$4.66
8	2015	\$469,245.00	3.31%	(\$48,470.00)	-5.21%	\$17,050.00	4.11%	\$437,825.00	\$415,638.00	104.4%	\$4.41
9	2016	\$484,777.00	3.31%	(\$47,738.00)	-1.51%	\$17,751.00	4.11%	\$454,790.00	\$431,743.00	103.9%	\$4.35
10	2017	\$500,823.00	3.31%	(\$48,145.00)	0.85%	\$18,481.00	4.11%	\$471,159.00	\$447,283.00	103.6%	\$4.38
11	2018	\$517,400.00	3.31%	(\$49,579.00)	2.98%	\$19,241.00	4.11%	\$487,062.00	\$462,380.00	103.4%	\$4.51
12	2019	\$534,525.00	3.31%	(\$51,104.00)	3.08%	\$20,032.00	4.11%	\$503,453.00	\$477,940.00	103.4%	\$4.65
13	2020	\$552,217.00	3.31%	(\$51,234.00)	0.26%	\$20,855.00	4.11%	\$521,838.00	\$495,394.00	103.7%	\$4.66
14	2021	\$570,495.00	3.31%	(\$53,129.00)	3.70%	\$21,712.00	4.11%	\$539,078.00	\$511,760.00	103.3%	\$4.84
15	2022	\$589,378.00	3.31%	(\$52,444.00)	-1.29%	\$22,604.00	4.11%	\$559,538.00	\$531,183.00	103.8%	\$4.77
16	2023	\$608,886.00	3.31%	(\$52,284.00)	-0.31%	\$23,533.00	4.11%	\$580,135.00	\$550,737.00	103.7%	\$4.76
17	2024	\$629,040.00	3.31%	(\$53,626.00)	2.57%	\$24,500.00	4.11%	\$599,914.00	\$569,513.00	103.4%	\$4.88
18	2025	\$649,861.00	3.31%	(\$55,567.00)	3.62%	\$25,507.00	4.11%	\$619,801.00	\$588,392.00	103.3%	\$5.06
19	2026	\$671,371.00	3.31%	(\$57,604.00)	3.67%	\$26,555.00	4.11%	\$640,322.00	\$607,874.00	103.3%	\$5.24
20	2027	\$693,593.00	3.31%	(\$59,178.00)	2.73%	\$27,646.00	4.11%	\$662,061.00	\$628,511.00	103.4%	\$5.39
21	2028	\$716,550.00	3.31%	(\$60,447.00)	2.14%	\$28,782.00	4.11%	\$684,885.00	\$650,178.00	103.4%	\$5.50
22	2029	\$740,267.00	3.31%	(\$62,141.00)	2.80%	\$29,965.00	4.11%	\$708,091.00	\$672,208.00	103.4%	\$5.66
23	2030	\$764,769.00	3.31%	(\$65,019.00)	4.63%	\$31,197.00	4.11%	\$730,947.00	\$693,906.00	103.2%	\$5.92
24	2031	\$790,082.00	3.31%	(\$67,358.00)	3.60%	\$32,479.00	4.11%	\$755,203.00	\$716,933.00	103.3%	\$6.13
25	2032	\$816,233.00	3.31%	(\$69,781.00)	3.60%	\$33,814.00	4.11%	\$780,266.00	\$740,726.00	103.3%	\$6.35
26	2033	\$843,250.00	3.31%	(\$72,291.00)	3.60%	\$35,204.00	4.11%	\$806,163.00	\$765,311.00	103.3%	\$6.58
27	2034	\$871,161.00	3.31%	(\$74,891.00)	3.60%	\$36,651.00	4.11%	\$832,921.00	\$790,713.00	103.3%	\$6.82
28	2035	\$899,996.00	3.31%	(\$77,585.00)	3.60%	\$38,157.00	4.11%	\$860,568.00	\$816,959.00	103.3%	\$7.06

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Price Proposal

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Line No.	Project Development Costs - TOTAL	Direct Labor						Sub-contract	Total Cost
		Item Description	Man-Hours	Costs (incl. Burden)	Material Costs				
1	Section 1- Project Level Costs from Project Development through D.O. Award								
1.1	Johnson Controls ESPC Development								
1.1.10	(b) (4)								
1.1.11									
1.1.12									
1.1.13									
1.1.14	- Inspect and Validate	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
1.1.15	- Travel	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Subtotal								\$ 148,978
1.2	Subcontractor ESPC Development through D.O. Award								
1.2.1	TekWork LLC						\$ 6,800	\$ 6,800	
1.2.2	ACS Electric						\$ 880	\$ 880	
1.2.3	JTM Engineering						\$ 2,860	\$ 2,860	
1.2.4	Eneritech Audit Costs						\$ 21,750	\$ 21,750	
1.2.5	Carter-Burgess Development Design						\$ 27,500	\$ 27,500	
1.2.6							\$ -	\$ -	
1.2.7							\$ -	\$ -	
1.2.8							\$ -	\$ -	
1.2.9									
	Subtotal						\$ 59,790	\$ 59,790	
	Section 1 Total								\$ 208,768
2	Section 2A - Project Level Costs from D.O. Award through Project Acceptance								
2.1	Miscellaneous Costs								
2.1.1	(b) (4)								
2.1.2									
2.1.3									
2.1.4									
2.1.5									
2.1.6									
2.1.7									
2.1.8									
2.1.9									
2.1.10									
	Subtotal								\$ -
2.2	Direct Design/Management Costs								
2.2.1	(b) (4)								
2.2.2									
2.2.3									
2.2.4									
2.2.5									
2.2.6									
2.2.7									
2.2.8									
2.2.9									
2.2.10									
2.2.11									
2.2.12									
	Sub-total Direct Design/Management Costs								\$ -
	Section 2A Total								\$ -
	Total Project Direct Costs								\$ 208,768

ECM 2.1: Chiller Plant Optimization - Santa Ana			
Cost Summary			Total Cost
L1	Direct Construction Cost (Refer to Attached Subcontractor Cost Estimates for Construction Cost Detail)		
L1.11	(b) (4)		
L1.12	Subcontractor	Subtotal Percent	\$ 63,415 Hours Rate
J1.81	(b) (4)		
(b) (4)			
	ECM Total Estimated Cost		\$ 177,882

ECM 2.1: Chiller Plant Optimization - Santa Ana																
Cost Detail																
Item Description	Qty	Material	Shop Labor		Field Labor		SU and TAB Labor		Detailing Labor		Supervision		Other Labor Cost	Subcontracts	Sub-Total	
			Hours	Labor Cost	Hours	Labor Cost	Hours	Labor Cost	Hours	Labor Cost	Hours	Labor Cost				
(b) (4)													\$63,415	\$63,415		
													\$0	\$0		
													\$0	\$0		
													\$0	\$0		
													\$0	\$0		
													\$0	\$0		
													\$0	\$0		
													\$0	\$0		
													\$0	\$0		
													\$0	\$0		
													\$0	\$0		
													\$0	\$0		
													\$0	\$0		
													\$0	\$0		
													\$0	\$0		
													\$0	\$0		
													\$0	\$0		
													\$0	\$0		
													\$0	\$0		
Total			\$0	0	\$-	0	\$-	0	\$-	0	\$0	0	\$0	\$-	\$63,415	\$ 63,415

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ECM 5.1: Lighting Improvements and Lighting Controls - Long Beach			
Cost Summary			Total Cost
1.1 Direct Construction Cost (Refer to Attached Subcontractor Cost Estimates for Construction Cost Detail)			
1.1.1 Johnson Controls and Vendor Material			
1.1.2 Subcontractor			\$ 330,674
Subtotal			\$ 330,674
Percent			Hours Rate
(b) (4)			
ECM Total Estimated Cost			\$ 364,437

ECM 5.2: Lighting Improvements and Lighting Controls - Santa Ana			
Cost Summary			Total Cost
1.1	Direct Construction Cost (Refer to Attached Subcontractor Cost Estimates for Construction Cost Detail)		
1.1.11	Johnson Controls and Vendor Material		
1.1.12	Subcontractor		
	Subtotal		
	Percent	Hours	Rate
			\$ 319,066
(b) (4)			
	ECM Total Estimated Cost		
			\$ 350,371

	ECM 10.1: 335 kW Combined Heat and Power Generation - Long Beach			
	Cost Summary			Total Cost
1.1	Direct Construction Cost (Refer to Attached Subcontractor Cost Estimates for Construction Cost Detail)			
1.1.11	(b) (4)			
1.1.12	Subcontractor			\$ 208,177
	Subtotal			\$ 1,110,051
	Percent Hours Rate			
(b) (4)				
	ECM Total Estimated Cost			\$ 1,751,638

ECM 10.1: 335 kW Combined Heat and Power Generation - Long Beach

Cost Detail

Item Description	Qty	Material	Shop Labor			Field Labor			SU and TAB Labor			Detailing Labor			Supervision			Other	Subcontracts	Sub-Total	
			Code	Hours	Cost	Code	Hours	Cost	Hours	Cost	Code	Hours	Cost	Code	Hours	Cost	Constr.				
CHP																					
Mechanical Equipment																					
335kWe Natural Gas Reciprocating Generator	1	\$585,814			\$0	Pipe	144	\$8,305	14	\$997									\$595,177		
Urea Dosing System	incl.				\$0			\$0		\$0									\$0		
Heat Recovery Hot Water Boiler	incl.				\$0			\$0		\$0									\$0		
SCR System	incl.				\$0			\$0		\$0									\$0		
<i>Vibration Isolation / Sound Attenuation</i>	1 lot	\$60,000			\$0	Pipe	16	\$929		\$0								\$5,000	\$65,929		
Hot Water Expansion Tank	1	\$800			\$0	Pipe	2	\$116		\$0									\$916		
Hot Water Chemical Treatment System	1	\$750			\$0	Pipe	4	\$232		\$0									\$982		
75 Ton Single Stage Hot Water Driven Absorption Chiller	1	\$64,027			\$0	Pipe	32	\$1,859	8	\$570									\$66,456		
Chilled Water Air Separator - 4"	1	\$1,500			\$0	Pipe	4	\$232		\$0									\$1,732		
Pumps	3	\$7,500			\$0	Pipe	24	\$1,344	12	\$855									\$9,749		
Chilled Water Pump	incl.				\$0			\$0		\$0									\$0		
Condenser Water Pump	incl.				\$0			\$0		\$0									\$0		
Hot Water Pump	incl.				\$0			\$0		\$0									\$0		
Frigate Oil Recovery		\$200			\$0			\$0	8	\$570									\$770		
Sheet Metal					\$0			\$0		\$0	Sh. Metal	4	\$250	Sh. Metal	2	\$142			\$392		
Panelt Repair Duct for Removed RTU		\$500	Sh. Metal	8	\$437	Sh. Metal	19	\$1,133		\$0									\$2,070		
Piping					\$0			\$0		\$0	Pipe	314	\$20,958	Pipe	237	\$16,883			\$37,840		
Piping		\$39,331	Pipe	200	\$10,809	Pipe	962	\$55,885		\$0									\$106,024		
Earthquake Valve		\$800			\$0	Pipe	2	\$116		\$0									\$916		
Gas Regulator		\$800			\$0	Pipe	4	\$232		\$0									\$1,032		
Roof Receptor and Piping		\$2,500			\$0	Pipe	32	\$1,859		\$0									\$4,359		
Structural Base for Chiller Enclosure		\$5,000	Pipe	80	\$4,324	Pipe	16	\$929		\$0									\$10,253		
Structural Base for SCR		\$2,000	Pipe	24	\$1,297	Pipe	4	\$232		\$0									\$3,529		
Pipe Roof Supports		\$4,000			\$0	Pipe	80	\$4,647		\$0									\$8,647		
Spring Hangers for Pipe (excl. by Cal-Air)					\$0			\$0		\$0									\$0		
Plant Piping		\$500			\$0	Pipe	16	\$929		\$0									\$1,429		
Pressure Test, Flush and Cleaning					\$0	Pipe	100	\$5,809		\$0									\$5,809		
Consumables		\$5,493			\$0			\$0		\$0									\$5,493		
Insulation					\$0			\$0		\$0									\$24,963		
Concrete Work					\$0			\$0		\$0									\$187,000		
Concrete Pads	incl.				\$0			\$0		\$0									\$0		
Air Handler Patch	incl.				\$0			\$0		\$0									\$0		
Pipe Supports	incl.				\$0			\$0		\$0									\$0		
Crane	incl.				\$0			\$0		\$0									\$0		
Structural Steel Supports for SCR and Equip.	incl.				\$0			\$0		\$0									\$0		
Electrical					\$0			\$0		\$0									\$0		
Switchgear - MCC Modifications		\$80,000			\$0			\$0		\$0									\$80,000		
Conduit, Cabling, etc.		\$63,000			\$0			\$0		\$0									\$63,000		
Controls and Instrumentation		\$22,699			\$0			\$0		\$0									\$75,662		
Miscellaneous					\$0			\$0		\$0									\$0		
Stamp Assistance					\$0			\$0	40	\$2,849		\$0	Comm.	8	\$578				\$3,428		
Trucking and Material Handling					\$0			\$0		\$0									\$7,800		
Sawcut / Core Drilling					\$0			\$0		\$0									\$3,000		
Rigging (Hill Crane - Demol and Equip Sets)					\$0			\$0		\$0									\$60,000		
Rigging Overtime					\$0			\$0		\$0									\$3,200		
Fork lifts	1	\$1,500			\$0			\$0		\$0									\$1,500		
Tracks	1	\$1,000			\$0			\$0		\$0									\$1,000		
Scissor Crane	8	\$1,160			\$0			\$0		\$0									\$1,160		
Demolition		(\$55,000)			\$0	Pipe	96	\$5,577		\$0									\$5,577		
Contractor Concession																			(\$5,000) (\$100,000) (\$160,000)		
Total		\$901,874		312	\$ 16,866		1,557	5	90,479	82	5	5,841		318	\$21,208		441	\$39,583	\$ 30,749	\$208,177	\$ 1,314,778

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Price Proposal

ECM 10.1: 335 kW Combined Heat and Power Generation - Long Beach				
Permit and Fee				
Summary				
Item Description	Subcontract	Material Cost	Labor Cost	Sub-Total
(b) (4)	\$220,000			\$220,000
	\$11,730			\$11,730
Permits	\$32,000			\$32,000
Total				\$263,730

ECM 13.1: Water Conservation Upgrade - Long Beach		
Cost Summary		Total Cost
1.1	Direct Construction Cost (Refer to Attached Subcontractor Cost Estimates for Construction Cost Detail)	
1.1.11	Johnson Controls and Vendor Material	
1.1.12	Subcontractor	\$ 39,255
(b) (4)		
	ECM Total Estimated Cost	\$ 52,276

LOW FLOW PLUMBING PROGRAMS

Prepared For: **JOHNSON CONTROLS**

ESTIMATED
WATER/SEWER COST
(PER CCF)

Visitors

<u>Device</u>	<u>TYPE OF RETROFIT</u>	<u>MATERIAL Cost</u>	<u>Dev. Cost</u>	<u>Sales Tax</u>	<u>LABOR Cost</u>	<u>Project QTY</u>	<u>Cost</u>	
FLOW RESTRICTORS	AERATORS-M	\$5.60	\$0.30	\$0.40	\$5.70	37	\$444	Y
TANK TOILETS	TANK TOILETS	\$110.00	\$5.00	\$10.00	\$65.00	2	\$380	Y
KITCHEN NOZZLE	KITCHEN NOZZLES	\$119.00	\$5.00	\$11.00	\$55.00	2	\$380	Y
FLOW RESTRICTORS	AERATORS-W	\$5.60	\$0.30	\$0.40	\$5.70	36	\$432	Y
MENS TOILETS	FLUSHOMETER TOILETS-M	\$240.00	\$10.00	\$20.00	\$270.00	26	\$14,040	Y
WOMENS TOILETS	FLUSHOMETER TOILETS-W	\$240.00	\$10.00	\$20.00	\$270.00	34	\$18,360	Y
URINALS	REPLACE URINAL VALVE	\$130.00	\$17.00	\$12.00	\$130.00	17	\$4,913	Y
SHOWERHEADS	SHOWERHEADS	\$8.20	\$1.00	\$0.80	\$7.00	18	\$306	Y
SINKS	REPLACE SINKS W/ MECH. TIMER	\$320.00	\$17.00	\$23.00	\$160.00	73	\$37,960	N
					TOTAL		\$39,255	

Line No.	Project Direct Costs Item Description	Direct Labor			Sub-contract	Total Cost
		Man-Hours	Costs (incl. Burden)	Material Costs		
1	(b) (4)					
1.1						
1.1.0						
1.1.1						
1.1.2						
1.1.3						
1.1.4						
1.1.5						
1.2A						
1.2A.1						
1.2A.2						
1.2.3						
1.2.4						
1.2.5						
1.2.6						
2						
2.1						
2.1.0						
2.1.1						
2.1.2						
2.1.3						
2.1.4						
2.1.5						
2.1.6						
2.1.7						
2.1.8						
2.1.9						
2.1.10						
2.2						
2.2.1						
2.2.2						
2.2.3						
2.2.4						
2.2.5						
2.2.6						
2.2.7						
2.2.8						
2.2.9						
2.2.10						
2.2.11						
2.2.12						
2.2.13						
	Sub-total Direct Design/Management Costs				\$ 176,843	
	Section 2A Total				\$ 195,687	
	Total Project Direct Costs				\$ 195,687	